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- (71) Applicant (for all designated States except US): AU-TOGENOMICS, INC. [US/US]; 2270-K Camino Vida Roble, Carlsbad, CA 92009 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KE, Song-Hua [US/US]; 5525 Rabbit Ridge Road, San Diego, CA (US). HUDSPETH, Richard Loren [US/US]; 11129 Saunders Ct., San Diego, CA 92131 (US). MAHANT, Vijay K. [US/US]; 42299 Wild Mustang Road, Murrieta, CA 92562 (US).
- (74) Agents: RUTAN & TUCKER et al.; 611 Anton Blvd., 14th Floor, Costa Mesa, CA 92626-1931 (US).

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(54) Title: MULTIPLEXED NUCLEIC ACID ANALYSIS WITH HIGH SPECIFICITY

(57) Abstract: A test kit and method includes amplification and extension primers that are selected to allow multiplex PCR and extension at increased specificity. Preferably, the extension primers include a tag that hybridizes with a capture probe on a biochip, wherein the tag is distinct from the target nucleic acid sequence to be analyzed. Further preferred kits include a biochip and various instructions.

